

Part of #3
PTO/SB08A (10-01)

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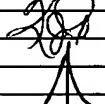
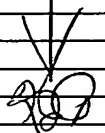
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SHEET 1 of 2

COMPLETE IF KNOWN

Application Number	10/089,351
Confirmation Number	
Filing Date	March 27, 2002
First Named Inventor	Dana P. Gruenbacher
Group Art Unit	3751
Examiner Name	
Attorney Docket Number	8278

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	2,209,914	07/30/1940	Gerber, et al.	
	2	2,707,581	05/03/1955	Kaplan, et al.	
	3	2,790,982	05/07/1957	Schneider	
	4	2,945,250	07/19/1960	Worthington	
	5	2,961,677	11/29/1960	Zecchini, et al.	
	6	3,053,385	09/11/1962	Spees	
	7	3,060,486	10/30/1962	Lewis	
	8	3,324,500	06/13/1967	Fuller, et al.	
	9	3,485,562	12/23/1969	Hidden, et al.	
	10	3,608,708	09/28/1971	Storandt	
	11	3,636,922	01/25/1972	Ketner	
	12	3,757,782	09/11/1973	Aiken	
	13	3,768,916	10/30/1973	Avery	
	14	4,148,318	04/10/1979	Meyer	
	15	4,430,013	02/07/1984	Kaufman	
	16	4,510,640	04/16/1985	Omori	
	17	4,537,819	08/27/1985	Schortmann, et al.	
	18	4,563,103	01/07/1986	Van Overloop, et al.	
	19	4,596,481	06/24/1986	Tanaka	
	20	4,600,620	07/15/1986	Lloyd, et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
EXAMINER				DATE CONSIDERED	3/6/03	

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		Number - Kind Code ² (if known)				
	21	4,696,593		09/29/1987	Bayless	
	22	4,759,472		07/26/1988	Strenger	
	23	4,762,124		09/09/1988	Kerch, et al.	
	24	4,902,283		02/20/1990	Rojko, et al.	
	25	4,958,881		09/25/1990	Piros	
	26	5,008,969		04/23/1991	Jarrett	
	27	5,090,832		02/25/1992	Rivera, et al.	
	28	5,100,028		03/31/1992	Seifert	
	29	5,127,127		07/07/1992	Jarosinski	
	30	5,195,658		03/23/1993	Hoshino	
	31	5,380,110		01/10/1995	Festa	
	32	5,411,178		05/02/1998	Rodgers, et al.	
	33	5,441,355		08/15/1995	Moore	
	34	5,454,207		10/03/1995	Storandt	
	35	5,490,736		02/13/1996	Haber, et al.	
	36	5,558,874		09/24/1996	Haber, et al.	
	37	5,616,201		04/01/1997	Finch, et al.	
	38	5,636,406		06/10/1997	Strong	
	39	5,681,574		10/28/1997	Habert, et al.	
	40	5,829,089		11/03/1998	Steadman	
	41	5,957,605		09/28/1999	Cohen, et al.	
	42	6,305,044		10/23/2001	James, et al.	

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	43	EP	0 294 189		12/07/1988	Jaypak Limited		
	44	DE	3,535,926 A1		07/02/1987	A. Fruhauf		
EXAMINER						DATE CONSIDERED 3/6/03		

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